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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/050,807

10/25/2001

Peeyush Ranjan

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06/05/2002

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EXAMINER

LOUIS JACQUES, JACQUES H

ART UNIT

PAPER NUMBER

3661

DATE MAILED: 06/05/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/050,807

Applicant(s)

RANJAN, PEEYUSH

Examiner

Jacques H. Louis-Jacques

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 66-81 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 66-69, 71 and 74-78 is/are rejected.
- 7) ☒ Claim(s) 70, 72, 73 and 79-81 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 66-69, 71, 74-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Becker [6,314,360].

Becker '360 discloses a process and apparatus for transmitting route information and analyzing a traffic situation network in a vehicular navigation system. According to Becker, there is provided a map including a route and roads divided into road segments. See figures 1-2. According to Becker, the process generates partial routes from the source file, wherein each partial route comprises at least one edge and at least one of the partial routes comprises a plurality of adjoining ones of said edges. See abstract. According further to Becker, traffic data is determined for each of the road segments, thereby providing traffic information on a travel route. See columns 2-3.

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3. Claims 66-69, 71, 74-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Koizumi et al [5,778,333].

Koizumi et al discloses a boundary route-setting device for a map display system. According to Koizumi et al, as depicted in figures 5-7, the road is divided into a plurality of road segments. According to Koizumi et al, it is determined which road segment is having traffic congestion and whether that road segment is on the traveling route of the vehicle. Each of the road segments or location of the traffic is represented by a coordinate including longitude and latitude data. A distance of the traffic from the road segment is also determined. See columns 1-2 and 8

4. Claims 66-69, 71, 74-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Suchowerskyj et al [5,438,687].

Suchowerskyj et al '687 discloses a system for selecting route-relevant information when using the radio data system (RDS). According to Suchowerskyj et al, a map of road is divided into a plurality of road segments (blocks) each having a plurality of regions or points of interests surrounding them. According further to Suchowerskyj et al, it is determined whether traffic data to be within one of the regions of interest and whether the region of interest is along the traveling route of the vehicle. See figures 3 and 4. Each of the traffic condition information is represented by

coordinates including longitude and latitude data. The road segments, as described in columns 2-4 and shown in figure 5, are separated by a distance.

5. Claims 66-69, 71, 74-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Lappenbusch et al [6,297,748].

Lappenbusch et al discloses an interactive display and trip planner for providing traffic data along a travel route. There is provided a road map divided into a plurality of road segments. See, for example, abstract and figure 5 and column 5. As set forth in columns 6-8, it is determined whether there is traffic on a selected road segment and whether the selected road segment with the traffic data is along the travel route, thereby providing the traffic data to the user.

Allowable Subject Matter

6. Claims 70, 72-73, 79 and (80 and 81 as dependent on claims 70, 72-73 or 79) are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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5,610,821	Gazis et al	Mar. 1997
5,406,490	Braegas	Apr. 1995
5,818,356	Schuessler	Oct. 1998
5,635,924	Tran et al	Jun. 1997
6,111,521	Mulder et al	Aug. 2000
6,292,743	Pu et al	Sep. 2001
5,465,088	Braegas	Nov. 1995

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacques H. Louis-Jacques whose telephone number is (703) 305-9757. The examiner can normally be reached on M-Th, 7:30 AM - 4:00 PM (Eastern Time).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William A. Cuchlinski can be reached on (703) 308-3873. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1111.

Jacques H. Louis-Jacques
Primary Examiner
Art Unit 3661

/jlj
May 29, 2002

Jacques H. Louis-Jacques
JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER